

PRESSTITE **ARCHITECTURAL** **SEALANTS**

sealants since 1924



■ GENERAL INFORMATION

Presstite has devoted its energies exclusively to the development and production of sealing compounds since 1924. The Presstite Guide includes a comprehensive list of compounds for the construction field — each developed in recognition of a specific need or problem.

As a result, there is a Presstite sealant for most construction applications.

■ SERVICE TO ARCHITECTS AND BUILDERS

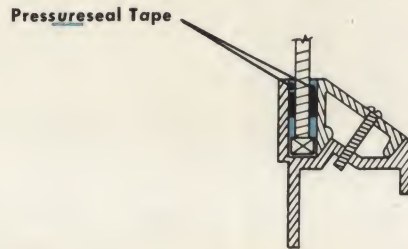
Presstite engineers and sales representatives are available to aid the architect and builder in the selection of sealing and caulking compounds best adapted to their particular needs and designs. You are invited to take advantage of this service at any time. There is never any cost or obligation on your part.

■ GUIDE TO PRESSTITE SEALANT SELECTION

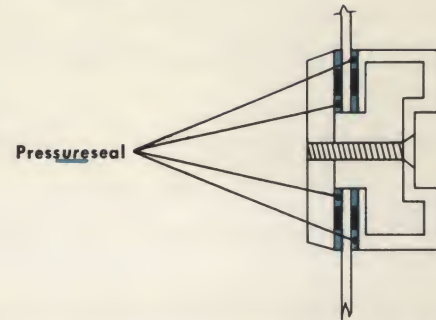
PRODUCT NUMBER	SUGGESTED APPLICATIONS	CHARACTERISTICS
Pressureseal® No. 162.3 No. 168.3 No. 3035.3 P	Excellent for glazing and many other applications in today's building designs. Especially designed tapes for "screw-down type stops".	All materials of this series are made up of special mastics with a core of Neoprene. A new type of sealant with extended life.
Structurseal® No. 1175 & 1176 Series	For setting glass and panels, for sealing metal joints, metal windows to masonry walls, and for sealing concrete, tile and masonry expansion joints and tilt-up slab joints. Approved by City of Los Angeles for sealing curtain walls, windows, swimming pools, metal or concrete joint Tilt-Up, etc.	Two-component material consisting of polysulfide base and accelerator. Does not become brittle or lose adhesion at -65°F. Does not slump at 200°F. Has high adhesion to most building construction materials, high flexibility and recovery when deformed. Standard colors: aluminum, tan, black. Other colors compounded on special order.
Elastic Compounds No. 155 Series	Curtain wall expansion joints. Laps in corrugated roofing and side sheets. Between similar and dissimilar surfaces (metal, glass, wood, rubber, masonry, etc.) to prevent passage of air and moisture. Hand-applied beads and tapes; slugs for gun.	Tough, rubber-like. Non-staining, non-oxidizing. Will not melt at temperatures up to 375°F., or crack at temperatures down to -50°F. Excellent resistance to water and water vapor. Will not soften or craze Plexiglas, Lucite, Ethyl Cellulose, Cellulose Acetate, Cellulose Acetate Butyrate and Vinyl Plastics. Solids 99% plus.
Elastic Compounds No. 162 and 163 Series	Sealing glass in metal windows. Any glass, metal or composition joint of 1/8" or less. Excellent filler for subsequent capping with Presstite's #1175 polysulfide base compound.	Tough, rubbery, black extruded tape with cloth or string center. Good adhesion to any clean surface. Non-oxidizing, non-shrinking; will not corrode metal, will not affect plastics or rubber. Has service temperature range of -30°F. to 200° F.
Elastic Compounds No. 164 Series	Wherever a stainless sealant is needed which requires minimum thickness and an effective seal. Hand-applied beads and tapes.	Indefinitely pliable and tacky. Excellent resistance to passage of water, water vapor, air and salt mist. Reinforced with special inserts for maximum strength; serrated for maximum compressibility. Adhesion increases upon aging and under compressibility.
Glazing and Caulking Compounds No. 423 Series No. 427 Series No. 428 No. 436 Series	Glazing aluminum sash; lap joints around aluminum construction (No. 423 Series). Around door, window frames. Wherever water tight, air tight seal is required between construction seams.	Excellent water and water vapor resistance. Non-staining, non-corrosive, non-shrinking. Will not affect plastics, rubber, lacquer. Applied with putty knife (Nos. 423.3, 436 Series); caulking or flow gun (Nos. 423.6, 427 Series, 428).
Moisture-Vapor Barrier Paper No. 477	Moisture vapor barrier in locker plant construction, walk-in coolers. Provides protection as underlayment under roofing shingles and flooring.	Kraft paper saturated with special compound of gilsonite, resins, waxes and asphalts for tack-free, tough, flexible coating. Tensile strength: (Pounds) Federal Specification UU-P-31, Method 171—Transverse 20+ Longitudinal 20+.
Saturated Kraft Sheathing Paper No. 479	Over sheathing materials, under asphalt asbestos and metal roofing materials, over sub-flooring.	High strength, water resistant breather-type paper.
Asphalt-Saturated Waterproofing Fabrics No. 485.1 and 485.2	On flashings, reinforcing points, seams of built-up roofs. Should be used where compliance with ASTM D 173-44 and/or AASHO M117-40 is required. (#485.2 meets Federal Specification HH-C-581a also.)	Excellent resistance to water, water vapor, acids, bases. Service temperature range of 32°F. to 180°F. Non-oxidizing, non-shrinking. Non-corrosive, will not affect rubber.
Sealer No. 570.4L	Sealing parts in contact with rubber. Non-staining seal against water, water vapor, dust. Sealing panels, joints and seams (not exposed).	Excellent resistance to water and water vapor. Indefinitely soft, non-staining, non-corrosive. Service temperature range of -30°F. to 160°F. Will not affect plastics, rubber, lacquer. Putty knife, caulking gun or high pressure pump application. Contains no volatile ingredients.
Permagums® No. 576 Series	Sealing window frames, bedding glass panels. Prevents passage of air and moisture between similar and dissimilar materials. Extruded for hand application. Not recommended for exposed seal in other than residential construction.	Good resistance to water. Easily molded, good adhesion to most clean, dry surface. Solids 99% plus.
Form-A-Seals® No. 3019C No. 3474	Extruded polybutene base sealant. Uses and application same as for 576 Series. (#3474 has greater adhesion, however.)	Airtight, water resistant. Good adhesion, non-drying, non-bleeding, non-shrinking. Can be painted over immediately. Solids 99% plus.
Plastic Sealers No. 579 Series	Joints in metal-clad buildings, between brick or concrete and metal sash. Waterproofing joints in similar and dissimilar materials.	Excellent resistance to water, water vapor. Non-staining, non-corrosive. Extremely tacky, excellent adhesion to most surfaces including glass, polyethylene. Will not swell rubber. Service temperatures range from -80°F. to 300°F. Hand-applied extrusions also pumpable (No. 579.63L). Solids 99% plus.
WAT-R-BAR® Sealing Compound No. 586.7	To prevent passage of air and moisture between similar and dissimilar materials, where superior resistance to freezing and thawing is important.	Excellent resistance to water, water vapor, freezing, thawing. Non-oxidizing, non-shrinking, non-corrosive. Will not affect plastics, rubber, lacquer. Indefinitely plastic. Extruded for hand application. Temperature range -40°F. to 400°F. Solids 99% plus.
Presst-O-Cel®	Closed cell insulation tubing for protecting tubing and pipelines on air-conditioning systems against condensation.	Flexible, has low "K" factor. Will not support combustion. Rodent, vermin and fungi resistant.
750.3 Red Stock	Ideal for pressure separators, backing and bedding beads, joint fillers and gaskets.	A closed-cell sponge rubber extruded into round beads. Available in wide range of sizes. Excellent resistance to the elements.

■ SUGGESTED SEALING SYSTEMS

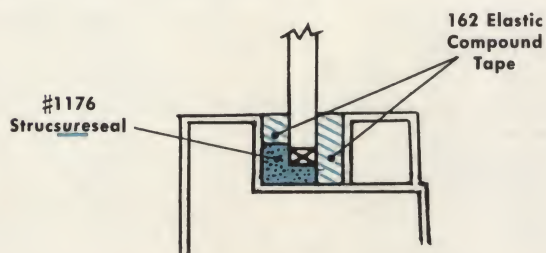
■ GLAZING DETAIL



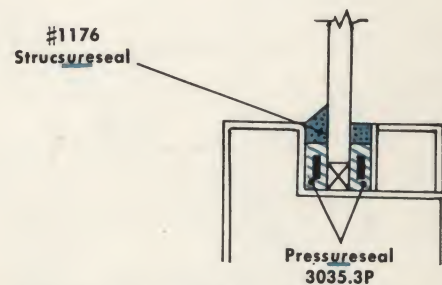
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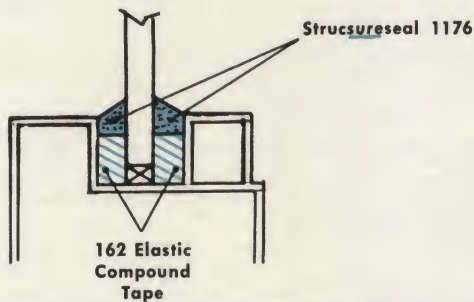
■ METAL SASH JOINT



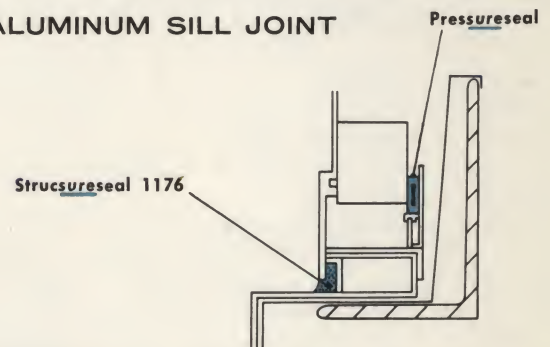
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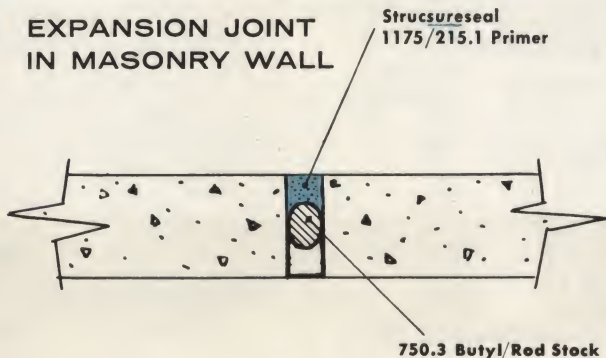
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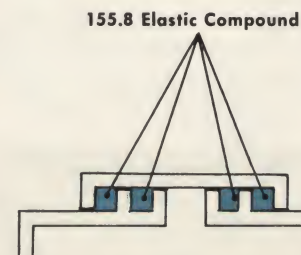
■ ALUMINUM SILL JOINT



■ EXPANSION JOINT IN MASONRY WALL



■ MULLION JOINT



PRESSTITE sealing compounds

SUGGESTED ARCHITECT'S SPECIFICATIONS *

■ **No. 162** Presstite Elastic Compound Tape shall be used to install all glass (or building panels). Sufficient thickness shall be used so that pressure is applied against the tape and a definite seal is attained. All surfaces shall be clean and free of foreign matter. The tape shall have an indefinite life expectancy, withstand a temperature range of -30°F to $+180^{\circ}\text{F}$. without loss of adhesion or slumping and have cold flow properties allowing it to move with expansion and contraction of the structure and glass (or panel).

■ **Polysulfide Base Sealants for Normal Conditions of Movement:**
Nos. 1175.1 (aluminum), 1175.2 (tan), 1175.3 (black) and 1175.5 (dark grey) Polysulfide Base Glazing and Sealing Compounds shall be used to install all glass (building panels, masonry joints). The surfaces shall be prepared, material mixed, and applied per instructions furnished by the manufacturer.

■ **Polysulfide Base Sealants for Extreme Conditions of Movement:**
Strucsureseal (Compounded to comply with the Building Trade Specification) Nos. 1176.1 (aluminum), 1176.2 (tan), 1176.3 (black), and 1176.5 (dark grey) Polysulfide Base Glazing and Sealing Compounds shall be used to install all glass (building panels, masonry joints). The surfaces shall be prepared, material mixed, and applied per instructions furnished by the manufacturer.

APPROXIMATE COVERAGE

Lineal feet of seam that can be sealed with a $\frac{3}{4}$ gallon unit of Strucsureseal Polysulfide Sealant (two-part).

DEPTH OF JOINT	WIDTH OF JOINT							
	1/8"	1/4"	3/8"	1/2"	5/8"	3/4"	7/8"	1"
1/4"	462	231	154	115	92	77	66	57
3/8"	308	154	102	77	61	51	44	38
1/2"	231	115	77	57	46	38	33	28
5/8"	184	92	61	46	36	30	26	23
3/4"	154	77	51	38	30	25	22	19
7/8"	132	66	44	33	26	22	18	16
1"	115	57	38	28	23	19	16	14

Presstite Primers cover 250-300 square feet per gallon.

■ **Nos. 579.1** (white), 579.6 (green), 579.63 (grey) Presstite Plastic Sealer shall be used in the expansion joints as shown in detail(s) . . . on drawing No. . . . All surfaces shall be clean, and free of foreign matter. The sealer shall be of a non-drying nature, 100% solids, contain no volatile oils, and withstand a temperature range of -80°F . to $+350^{\circ}\text{F}$. without loss of adhesion or slumping.

■ **No. 155.8** Presstite Elastic Compound shall be applied in the mullion expansion joints as shown in detail(s) on Drawing No. All surfaces shall be clean and free of foreign matter. The sealer shall be of a non-drying nature, 100% solids, contain no volatile oils, and withstand a temperature of -40°F . to $+200^{\circ}\text{F}$.
Note — No. 155.8 Elastic Compound may be substituted for No. 162 Elastic Compound where a softer material is required.

*Detailed and complete specifications and application procedures available on request.

OTHER PRESSTITE DIVISION PRODUCTS FOR THE CONSTRUCTION FIELD

AquaStop® rubber waterstop for concrete joints in dams, reservoirs, bridge abutments, canals, pools, etc.

Presstite #55MIL (military type) cold applied, fast curing polysulfide polymer compound for sealing PCC joints.

Presstite #55 HWY (highway type).

Presstite #67 cold applied joint and filler.

Kapco Insulating Board

Kapco Expansion Joints

Premoulded asphalt and non-extruding fibre or Kapcork®.

Kalktilte® cold-applied joint-sealing compound for sewers.

Presst-O-Cel® insulation tubing.

Enamellite® waterproof, flexible compound for bonding and sealing insulation materials.

Barrier Papers impregnated and asphalt coated papers of all kinds.

Asphalt Saturated Waterproof Fabrics — for built-up roofing.

Techkote Lift Slab & Tilt-up Slab Curing & Parting Agents.

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PRESSTITE DIVISION
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FACTORIES
El Segundo, California
Chicago Heights, Illinois
Jackson, Michigan
St. Louis, Missouri

PRESSTITE

sealing compounds

OTHER PRESSTITE DIVISION
PRODUCTS FOR THE
CONSTRUCTION FIELD

SUGGESTED ARCHITECT'S SPECIFICATIONS *

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■ **Polysulfide E**
Nos. 1175.1 (all grey) Polysulfid install all glass be prepared, ma the manufactur

■ **Polysulfide E**
Strucsureseal (C tion) Nos. 1176 (dark grey) Po used to install : shall be prepare by the manufact

Lineal feet of se
Polysulfide Seal

DEPTH OF JOINT
1/4"
3/8"
1/2"
5/8"
3/4"
7/8"
1"

Presstite Prime

■ **Nos. 579.1**
Sealer shall be drawing No. . . The sealer shall oils, and withsta of adhesion or

■ **No. 155.8** P
expansion joint
All surfaces sh: a non-drying n a temperature Note — No. 155 Compound whe

*Detailed and complete specifications and application procedures available on request.

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Mike Jackson, FAIA

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Presstite #55MIL (military type) cold applied, fast curing polysulfide polymer compound for sealing PCC joints.

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